

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-23. (canceled)

24. (currently amended) An isolated Alcohol Dehydrogenase 7 (ADH7) nucleic acid ~~sequence~~ for diagnosing Parkinson's disease consisting of one ~~or more~~ of SEQ ID NOS: 1-7, wherein said nucleic acid triggers Parkinson's disease in a human and/or passes the disease to a later human generation.

25. (currently amended) The isolated ADH7 nucleic acid ~~sequence for diagnosing Parkinson's disease~~ according to claim 24, wherein the sequence is SEQ ID NO: 6.

26. (currently amended) The isolated ADH7 nucleic acid ~~sequence for diagnosing Parkinson's disease~~ according to claim [[25]] 24, wherein the sequence is SEQ ID NO: 3.

27. (previously presented) A kit for diagnosing Parkinson's disease comprising a nucleic acid according to claim 24 and instructions for diagnosing Parkinson's disease.

28. (currently amended) A kit for diagnosing Parkinson's disease comprising means for detecting [[a]] nucleic acid according to claim [[24]] 26 and instructions for diagnosing Parkinson's disease.

29-32. (canceled)